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Claims

[c1] A transponder-reader transaction system configured with a biometric security system, said system comprising:
a transponder configured to communicate with a reader;
a reader configured to communicate with said system;
a DNA scan sensor configured to detect a proffered DNA scan sample, said DNA scan sensor configured to communicate with said system; and,
a device configured to verify said proffered DNA scan sample to facilitate a transaction.

[c2] The transponder-reader transaction system of claim 1, wherein said sensor is configured to communicate with said system via at least one of a transponder, a reader, and a network.

[c3] The transponder-reader transaction system of claim 1, wherein said DNA scan sensor is configured to facilitate a finite number of scans.

[c4] The transponder-reader transaction system of claim 1, wherein said DNA scan sensor is configured to log at least one of a detected DNA scan sample, processed DNA

scan sample and stored DNA scan sample.

[c5] The transponder-reader transaction system of claim 1, further including a database configured to store at least one data packet, wherein said data packet includes at least one of proffered and registered DNA scan samples, proffered and registered user information, terrorist information, and criminal information.

[c6] The transponder-reader transaction system of claim 5, wherein said database is contained in at least one of the transponder, transponder reader, sensor, remote server, merchant server and transponder-reader system.

[c7] The transponder-reader transaction system of claim 6, wherein said remote database is configured to be operated by an authorized sample receiver.

[c8] The transponder-reader transaction system of claim 1, wherein said DNA scan sensor device is configured with at least one of an infrared optical sensor and a chemical sensor.

[c9] The transponder-reader transaction system of claim 1, wherein said DNA scan sensor is configured to detect and verify DNA scan characteristics including at least one of nucleotides, code sequences, regulatory regions, initiation and stop codons, exon borders, and intron bor-

ders.

[c10] The transponder-reader transaction system of claim 1, wherein said DNA scan sensor device is configured to detect and verify false DNA and thermal patterns.

[c11] The transponder-reader transaction system of claim 1, further including a device configured to compare a proffered DNA scan sample with a stored DNA scan sample.

[c12] The transponder-reader transaction system of claim 11, wherein said device configured to compare a DNA scan sample is at least one of a third-party security vendor device and protocol/sequence controller.

[c13] The transponder-reader transaction system of claim 11, wherein a stored DNA scan sample comprises a registered DNA scan sample.

[c14] The transponder-reader transaction system of claim 13, wherein said registered DNA scan sample is associated with at least one of: personal information, credit card information, debit card information, savings account information, and loyalty point information.

[c15] The transponder-reader transaction system of claim 14, wherein different registered DNA scan samples are associated with a different one of: personal information,

credit card information, debit card information, savings account information, and loyalty point information.

[c16] The transponder-reader transaction system of claim 14, wherein a DNA scan sample is primarily associated with at least one of first user information, wherein said first information comprises personal information, credit card information, debit card information, savings account information, and loyalty point information, and wherein a DNA scan sample is secondarily associated with at least one of second user information, wherein said second information comprises personal information, credit card information, debit card information, savings account information, and loyalty point information, where second user information is different than first user information.

[c17] The transponder-reader transaction system of claim 1, wherein said transponder-reader transaction system is configured to begin mutual authentication upon verification of said proffered DNA scan sample.

[c18] The transponder-reader transaction system of claim 1, wherein said transponder is configured to deactivate upon rejection of said proffered DNA scan sample.

[c19] The transponder-reader transaction system of claim 1, wherein said sensor is configured to provide a notifica-

tion upon detection of a sample.

[c20] The transponder-reader transaction system of claim 1, wherein said device configured to verify is configured to facilitate at least one of access, activation of a device, a financial transaction, and a non-financial transaction.

[c21] The transponder-reader transaction system of claim 1, wherein said device configured to verify is configured to facilitate the use of at least one secondary security procedure.

[c22] A method for facilitating biometric security in a transponder-reader transaction system comprising: proffering a DNA scan to a DNA scan sensor communicating with said system to initiate verification of a DNA scan sample for facilitating authorization of a transaction.

[c23] The method for of claim 22, further comprising registering at least one DNA scan sample with an authorized sample receiver.

[c24] The method of claim 23, wherein said step of registering further includes at least one of: contacting said authorized sample receiver, proffering a DNA scan to said authorized sample receiver, processing said DNA scan to obtain a DNA scan sample, associating said DNA scan

sample with user information, verifying said DNA scan sample, and storing said DNA scan sample upon verification.

[c25] The method of claim 22, wherein said step of proffering includes proffering a DNA scan to at least one of an infrared optical sensor and a chemical sensor.

[c26] The method of claim 22, wherein said step of proffering further includes proffering a DNA scan to a DNA scan sensor communicating with said system to initiate at least one of: storing, comparing, and verifying said DNA scan sample.

[c27] The method of claim 22, wherein said step of proffering a DNA scan to a DNA scan sensor communicating with said system to initiate verification further includes processing database information, wherein said database information is contained in at least one of a transponder, transponder reader, sensor, remote server, merchant server and transponder-reader system.

[c28] The method of claim 22, wherein said step of proffering a DNA scan to a DNA scan sensor communicating with said system to initiate verification further includes comparing a proffered DNA scan sample with a stored DNA scan sample.

[c29] The method of claim 28, wherein said step of comparing includes comparing a proffered DNA scan sample to a stored DNA scan sample by using at least one of a third-party security vendor device and protocol/sequence controller.

[c30] The method of claim 28, wherein said step of comparing includes comparing DNA scan characteristics including at least one of nucleotides, code sequences, regulatory regions, initiation and stop codons, exon borders, and intron borders.

[c31] The method of claim 22, wherein said step of proffering a DNA scan to a DNA scan sensor communicating with said system further comprises using said DNA scan sensor to detect at least one of false DNA and thermal patterns.

[c32] The method of claim 22, wherein said step of proffering a DNA scan to a DNA scan sensor communicating with said system to initiate verification further includes at least one of detecting, processing and storing at least one second proffered DNA scan sample.

[c33] The method of claim 22, wherein said step of proffering a DNA scan to a DNA scan sensor communicating with said system to initiate verification further includes the

use of at least one secondary security procedure.

[c34] A method for facilitating biometric security in a transponder-reader transaction system comprising:
detecting a proffered DNA scan at a sensor communicating with said system to obtain a proffered DNA scan sample;
verifying the proffered DNA scan sample; and
authorizing a transaction to proceed upon verification of the proffered DNA scan sample.

[c35] The method of claim 34, wherein said step of detecting further includes detecting a proffered DNA scan at a sensor configured to communicate with said system via at least one of a transponder, reader, and network.

[c36] The method of claim 34, wherein said step of detecting a proffered DNA scan includes detecting a proffered DNA scan at least one of an infrared optical sensor and a chemical sensor.

[c37] The method of claim 34, wherein said step of detecting includes at least one of: detecting, storing, and processing a proffered DNA scan sample.

[c38] The method of claim 34, wherein said step of detecting further includes receiving a finite number of proffered DNA scan samples during a transaction.

[c39] The method of claim 34, wherein said step of detecting further includes logging each proffered DNA scan sample.

[c40] The method of claim 34, wherein said step of detecting further includes at least one of detection, processing and storing at least one second proffered DNA scan sample.

[c41] The method of claim 34, wherein said step of detecting further includes using said DNA scan sensor to detect at least one of false DNA and thermal patterns.

[c42] The method of claim 34, wherein said step of verifying includes comparing a proffered DNA scan sample with a stored DNA scan sample.

[c43] The method of claim 42, wherein said step of comparing a proffered DNA scan sample with a stored DNA scan sample comprises storing, processing and comparing at least one DNA scan characteristic including at least one of nucleotides, code sequences, regulatory regions, initiation and stop codons, exon borders, and intron borders.

[c44] The method of claim 42, wherein comparing a proffered DNA scan sample with a stored DNA scan sample includes comparing a proffered DNA scan sample with at

least one of a biometric sample of a criminal, a terrorist, and a transponder user.

[c45] The method of claim 34, wherein said step of verifying includes verifying a proffered DNA scan sample using information contained on at least one of a local database, a remote database, and a third-party controlled database.

[c46] The method of claim 34, wherein said step of verifying includes verifying a proffered DNA scan sample using one of a protocol/sequence controller and a third-party security vendor.